

Work Order ID 79164***79164***

Monday, January 23, 2012 9:26:57 AM

Page 1

Item ID: DSI 9585-013

Accept

N900040100

Setup Start

NS1

Revision ID:

Item Name: Lock Barrel Spring Replacement

Stop

NS2

Start Date: 1/23/2012 Start Qty: 4.00

4

Cust Item ID:

Required Date: 1/27/2012 Req'd Qty: 4.00

4

Customer:

Reference:

Approvals: Process Plan: *MF*

Date: 12-01-23 Tooling:

Date:

Run Start

NR1

QC:

Date:

SPC (Y/N):

Date:

Stop

NR2Sequence ID/
Work Center IDOperation
DescriptionSet Up/
Run Hours

Tool ID

Tool #

Plan
CodeAccept
QtyReject
QtyReject
NumberInsp.
Stamp

Draw Nbr

Revision Nbr

DSI 9585

A

**SP*

100

0.00

100

DOCUMENT CONTROL

DC

Memo

0.00

Document Control

Photocopy bluefile & type labels per PPP DSI 9585-013 CHG001

*8/2/2/08**12/1/25*
(4)

110

Pick Kit

0.00

110

Packaging

Memo

0.00

Packaging

SP 12-01-24

120

QC4- 100% Inspect kits for completeness

0.00

120

QC

Memo

0.00

Quality Control

*8/2/2/08**(4)*

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Work Order ID 79164***79164***

Page 2

Monday, January 23, 2012 9:26:57 AM

Item ID: DSI 9585-013

Accept

N900040100

Setup Start

NS1

Revision ID:

Stop

NS2

Item Name: Lock Barrel Spring Replacement

Start Date: 1/23/2012 Start Qty: 4.00

4

Cust Item ID:

Required Date: 1/27/2012 Req'd Qty: 4.00

4

Customer:

Reference:

Approvals: Process Plan:

Date:

Tooling:

Date:

Run Start

NR1

QC:

Date:

SPC (Y/N):

Date:

Stop

NR2Sequence ID/
Work Center IDOperation
DescriptionSet Up/
Run Hours

Tool ID

Tool #

Plan
CodeAccept
QtyReject
QtyReject
NumberInsp.
Stamp

130

0.00

130

Packaging

Packaging

Memo

0.00

Packaging

Identify and pack for shipping as per PPP DSI9585-013
Location: _____

12/18/12 SP (4)

140

QC21- Final Inspection - Work Order Release

0.00

140

QC

Memo

0.00

Quality Control

12/18/12

mc
12-02-08

Picklist Print

Monday, January 23, 2012 9:26:56 AM

Page 1

Work Order ID: 79164

Parent Item: DSI 9585-013

Start Date: 1/23/2012

Required Date: 1/27/2012

Parent Item Name: Lock Barrel Spring Replacement

Start Qty: 4.00

Required Qty: 4.00

Comments: IPP REV:A 12.01.11 new issue DD verf: JFS

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
D4518-3		Manufactured	No			110	Each	0.0000	1				
Lock Barrel Spring													
MS39086-133		Purchased	No			110	Each	250.0000	1				
Coiled Spring Pin													

Location

Loc Qty

Loc Code

ST295

250

120298

250

B78652 SP
12-02-08
SP⁴ 12-01-24

4x

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

Initial all entries

DART SERVICE INSTRUCTION

TO AMEND INSTALLATION INSTRUCTIONS D350-588 REV. D, D350-589 REV. E,
IIN-D350-600 REV. E, AND IIN-D130-780 REV. B AND INSTRUCTIONS FOR CONTINUED
AIRWORTHINESS ICA-D350-588 REV. 0, ICA-D350-589 REV. 1, ICA-D350-600 REV. 5,
AND ICA-D130-780 REV. 1

REF CANADIAN STC: SH92-41, SH93-88
REF FAA STC: SH1012NE, SR00098NY, SR00099NY
AUSTRIAN STC: ACG.21NE2.093
REF EASA STC: EASA.IM.R.S.01292

REFERENCE ONLY

PURPOSE:

The purpose of this DSI (Dart Service Instruction) is to introduce DSI 9585-011 and DSI 9585-013 Latch Repair Kits for D2586 Latches whose springs have failed or have been lost in service. Replacement procedures are as follows:

PROCEDURE:

TORSION SPRING REPLACEMENT (DSI 9585-011 KIT):

- 1) Remove D2586 Latch by unfastening the MS27039-1-XX Screw and associated hardware. Retain all hardware/parts.
- 2) Remove and discard roll pin with adequate tool. Discard existing failed spring.
- 3) Install D4518-1 Torsion Spring by inserting provided MS39086-133 Coiled Spring Pin in place using adequate tool. Refer to Figure 1 of this service instruction.
- 4) Reinstall repaired D2586 Latch in accordance with respective STC using the hardware/parts removed at Step 1 above.

LOCK BARREL SPRING REPLACEMENT (DSI 9585-013 KIT):

- 1) Remove D2586 Latch by unfastening the MS27039-1-XX Screw and associated hardware. Retain all hardware/parts.
- 2) Remove and discard roll pin with adequate tool. Discard existing failed spring.
- 3) Install D4518-3 Lock Barrel Spring by inserting provided MS39086-133 Coiled Spring Pin in place using adequate tool. Refer to Figure 2 of this service instruction.
- 4) Reinstall repaired D2586 Latch in accordance with respective STC using the hardware/parts removed at Step 1 above.

PARTS LIST






QTY -011	QTY -013	PART NUMBER	DESCRIPTION
X		DSI 9585-011	TORSION SPRING REPLACEMENT KIT
	X	DSI 9585-013	LOCK BARREL SPRING REPLACEMENT KIT
1		D4518-1	TORSION SPRING
	1	D4518-3	LOCK BARREL SPRING
1	1	MS39086-133	COILED SPRING PIN

CANADA
DEPARTMENT OF TRANSPORT
AIRCRAFT CERTIFICATION
BRANCH
DAO # 01-O-01

APPROVED

BY: 
D. SHEPHERD (DE # 02)

DATE:
CERT. NO.: SH92-41/SH93-88
ISSUE NO.: 8/6

A	NEW ISSUE	(REF. PAR11-135)	MB	11.12.05
REV.	DESCRIPTION		BY	DATE
DESIGN			DART AEROSPACE LTD	
DRAWN			HAWKESBURY, ONTARIO, CANADA	
CHECKED			DRAWING NO.	REV. A
MFG. APPR.	N/A		DSI 9585	SHEET 1 OF 2
APPROVED			TITLE	SCALE
DE APPR.			LATCH REPAIR KIT	NTS
DATE	11.12.05		COPYRIGHT © 2011 BY DART AEROSPACE LTD	
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REFERENCE ONLY

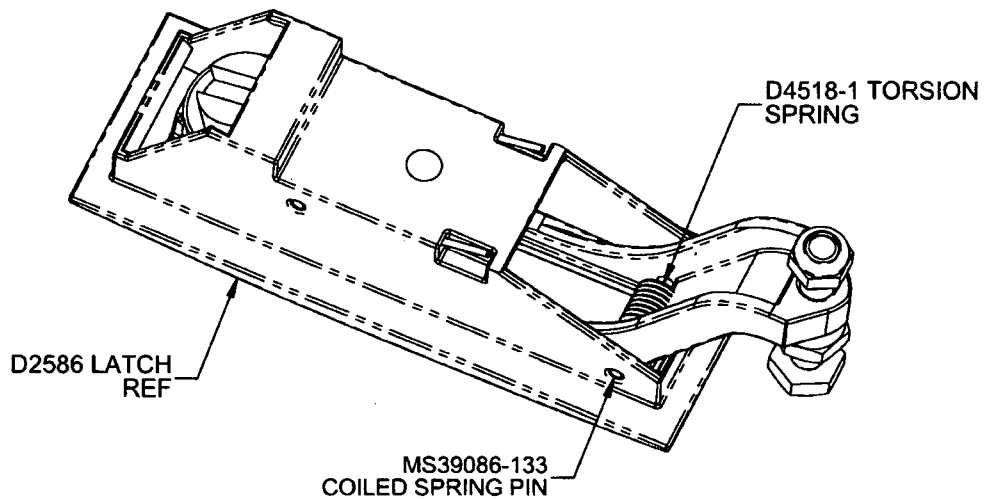


FIGURE 1: TORSION SPRING REPLACEMENT (DSI 9585-011)

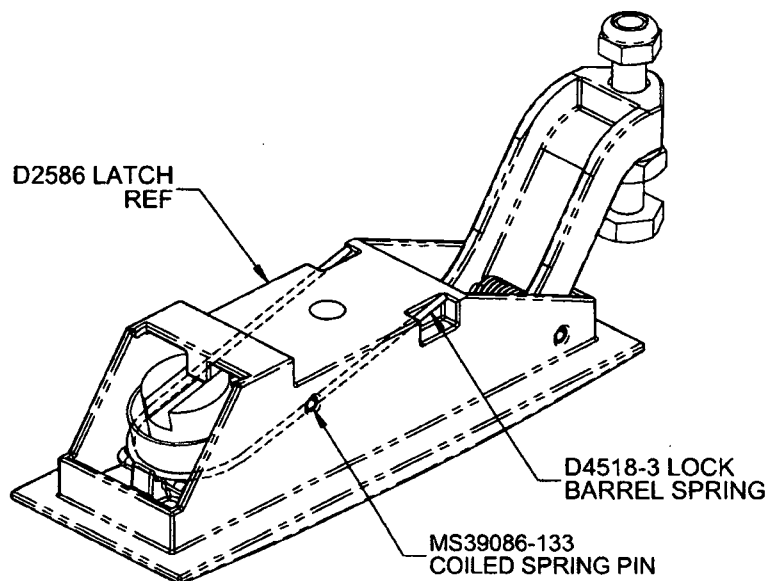


FIGURE 2: LOCK BARREL SPRING REPLACEMENT (DSI 9585-013)

CANADA
DEPARTMENT OF TRANSPORT
AIRCRAFT CERTIFICATION
BRANCH
DAO # 01-O-01

APPROVED

BY: *[Signature]*
D. SHEPHERD (DE # 02)

DATE:
CERT. NO.: SH92-41/SH93-88
ISSUE NO.: 8/6

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DRAWN	<i>[Signature]</i>	HAWKESBURY, ONTARIO, CANADA	
CHECKED	<i>[Signature]</i>	DRAWING NO.	REV. A
MFG. APPR.	N/A	DSI 9585	SHEET 2 OF 2
APPROVED	<i>[Signature]</i>	TITLE	SCALE
DE APPR.	<i>[Signature]</i>	LATCH REPAIR KIT	NTS
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